

12-8121: Anti-Andes Virus (Hantavirus) (Clone: ANDV-44)

Clonality :	Monoclonal
Clone Name :	ANDV-44
Application :	ELISA
Alternative Name :	Hantavirus, Orthohantavirus, ANDV
Isotype :	Human IgG1
Immunogen Information :	This human monoclonal antibody clone ANDV-44 was generated as part of a panel using a B cell hybridoma method from an individual previously infected with ANDV.

Description

Reactivity Species : Andes virus-Hantavirus-Virus

Expression Host : HEK-293

Endotoxin Level : ≤ 1.0 EU/mg as determined by the LAL method

Specificity : Clone ANDV-44 competes for binding to a distinct site on the ANDV surface glycoprotein spike, a tetrameric complex composed of Gn and Gc envelope proteins⁸. Furthermore, antibody ANDV-44 recognizes antigenic site C1 but does not show reactivity to soluble Gc or Gn proteins and may bind to a target site only present in the quaternary spike structure.

Product Info

Amount :	100 μ g
Purification :	$\approx 95\%$ monomer by analytical SEC
Content :	≈ 5.0 mg/ml. This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one year. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\approx -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles.